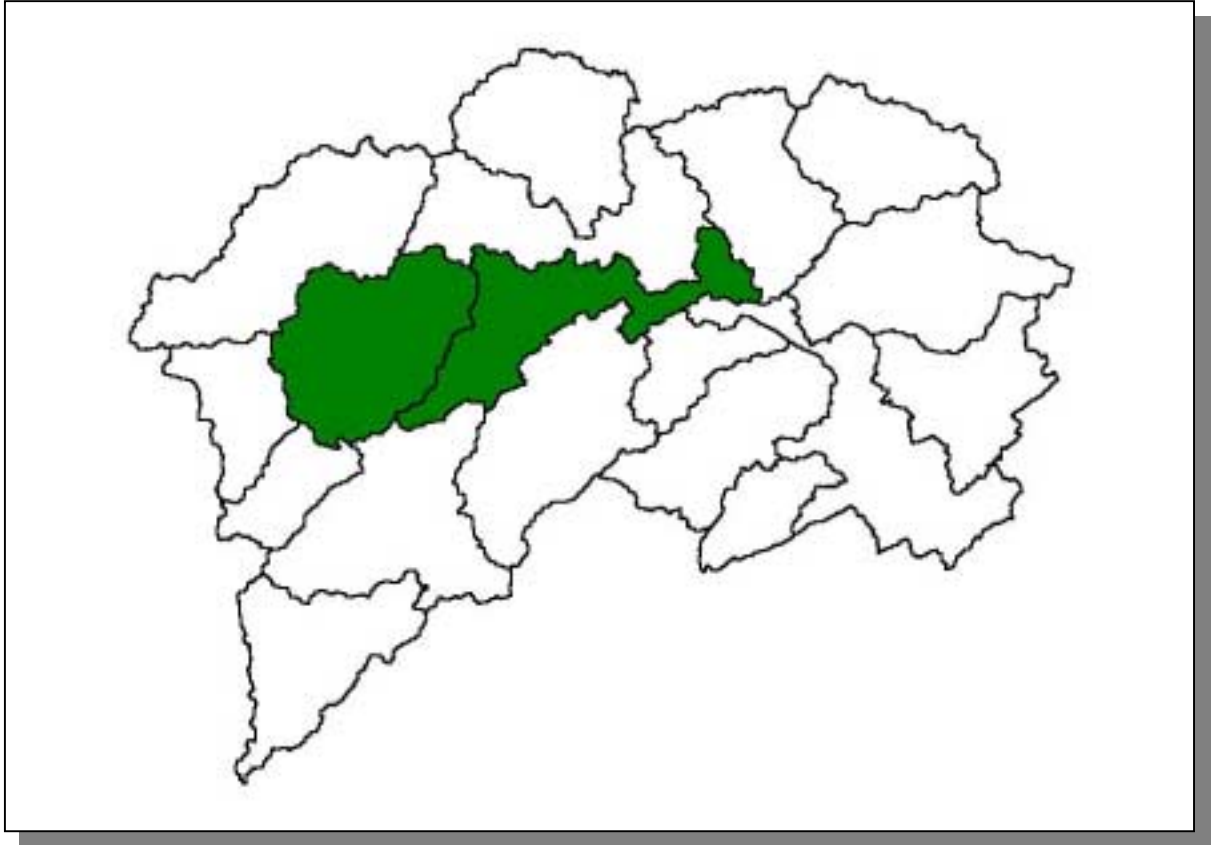
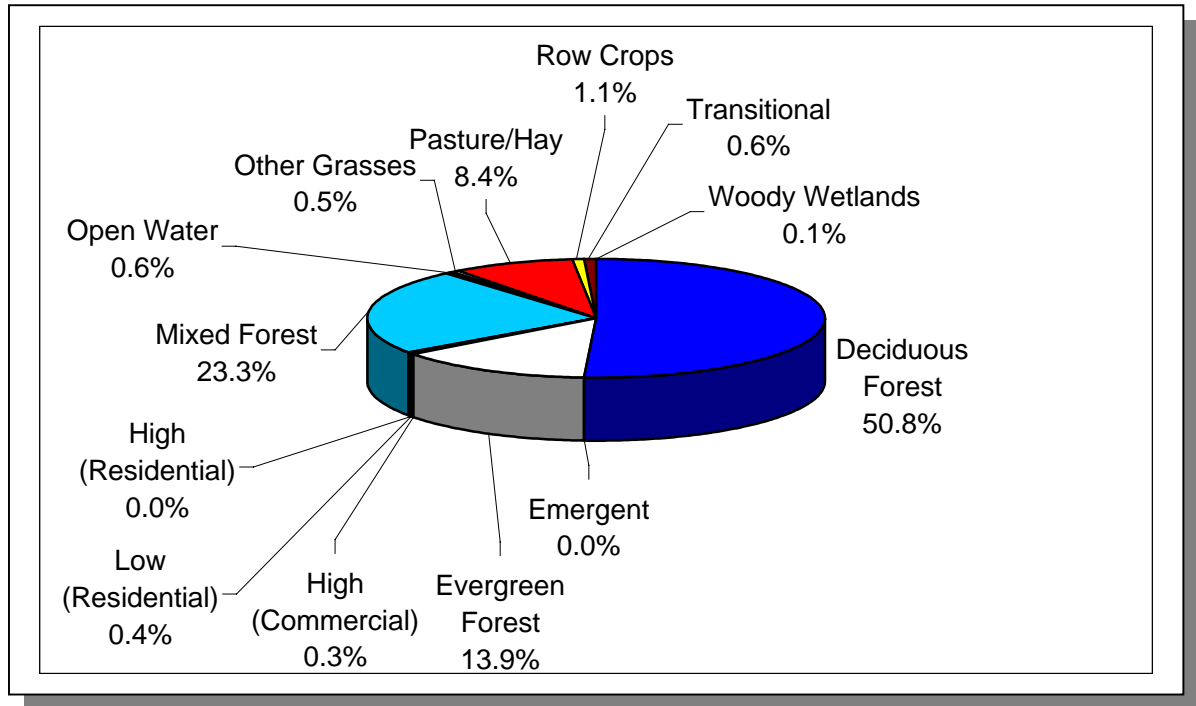


**4.2.B. 06010208020**

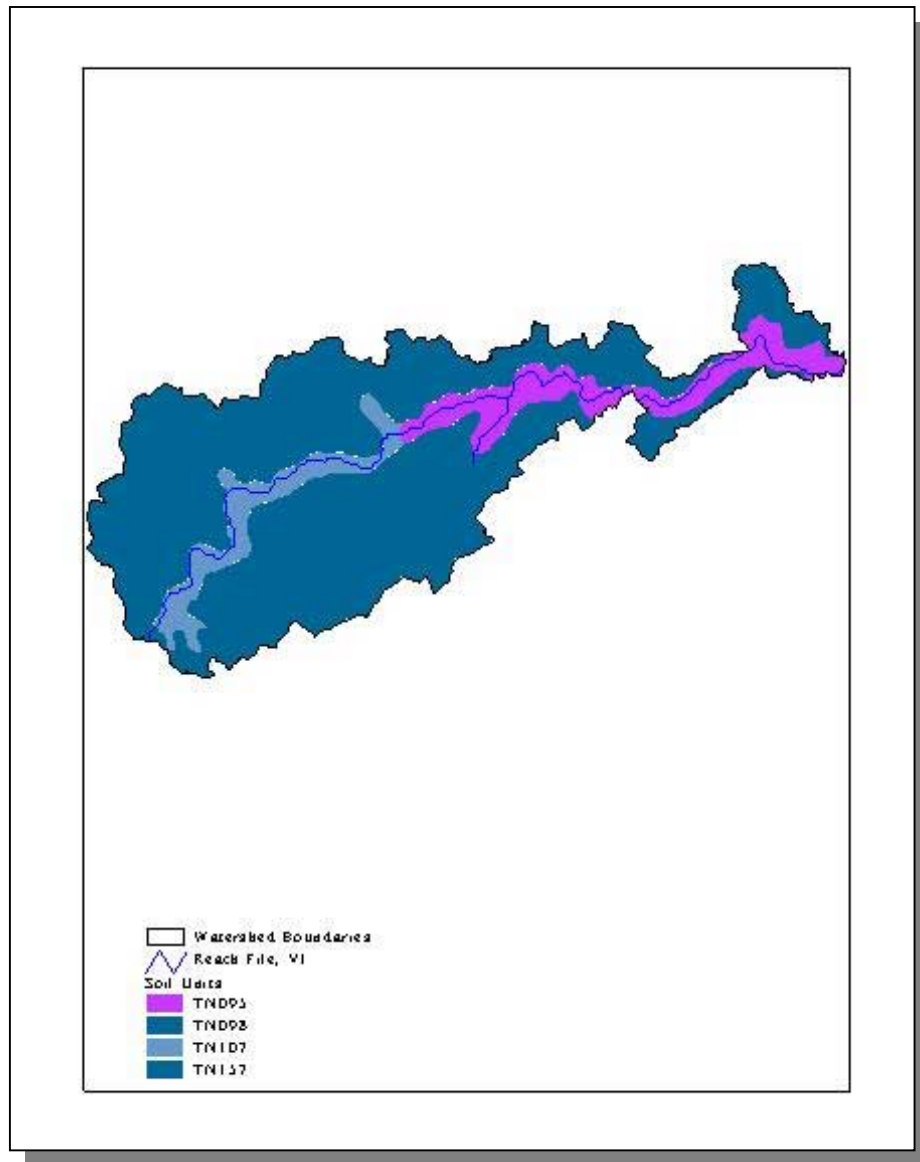


**Figure 4-11. Location of Subwatershed 06010208020.** All Emory HUC-14 subwatershed boundaries are shown for reference.

4.2.B.i. General Description.



**Figure 4-12. Land Use Distribution in Subwatershed 06010208020.** More information is provided in Emory-Emory-Appendix IV.



**Figure 4-13. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208020.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN095	0.00	B	2.35	5.12	Loam	0.31
TN098	1.00	C	3.98	4.82	Loam	0.32
TN107	1.00	C	6.34	4.84	Loam	0.28
TN157	0.00	B	2.38	4.62	Loam	0.28

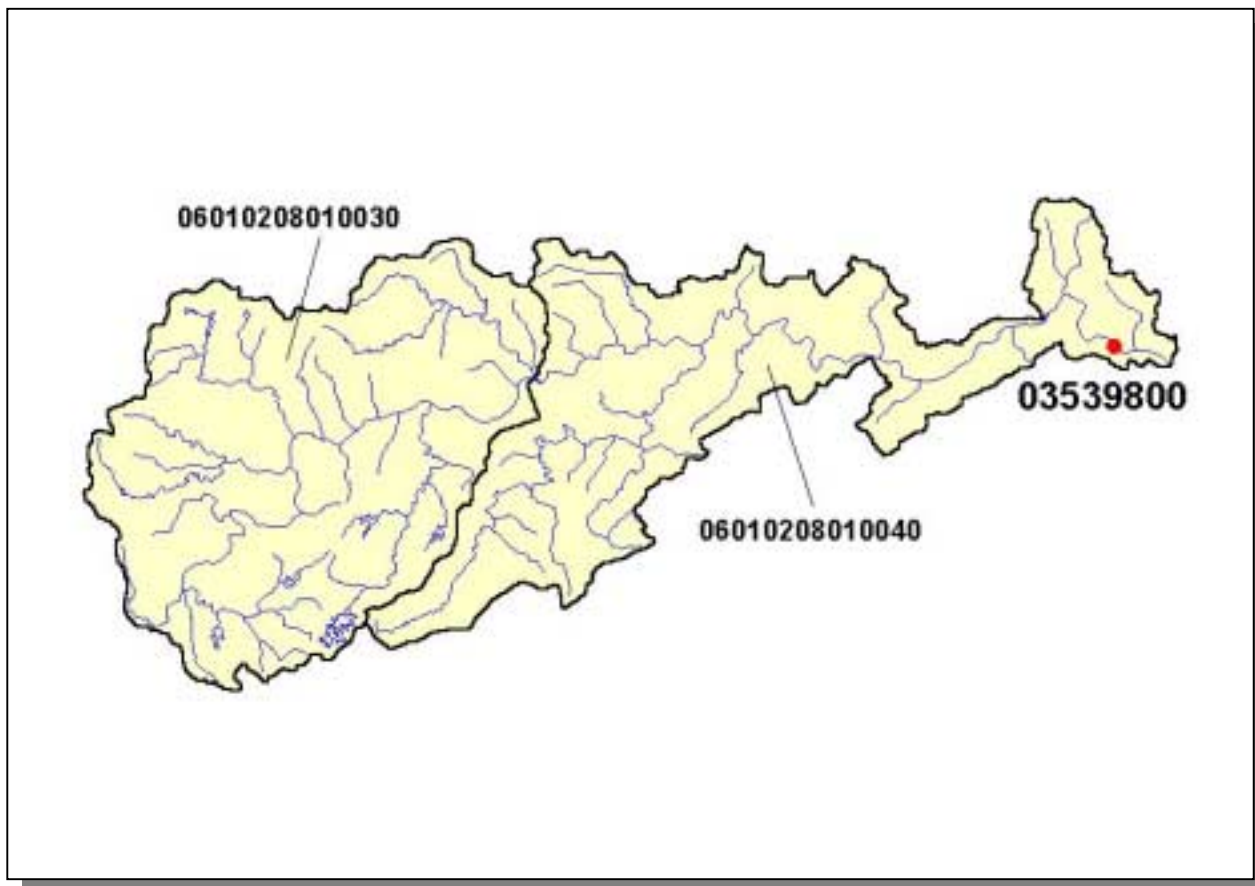
**Table 4-11. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010208020.** More information is provided in Emory-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Cumberland	34,736	43,217	14	4,861	6,048	24.4
Morgan	17,300	18,521	3.93	680	728	7.1
<b>Totals</b>	<b>52,036</b>	<b>61,738</b>		<b>5,541</b>	<b>6,776</b>	<b>22.3</b>

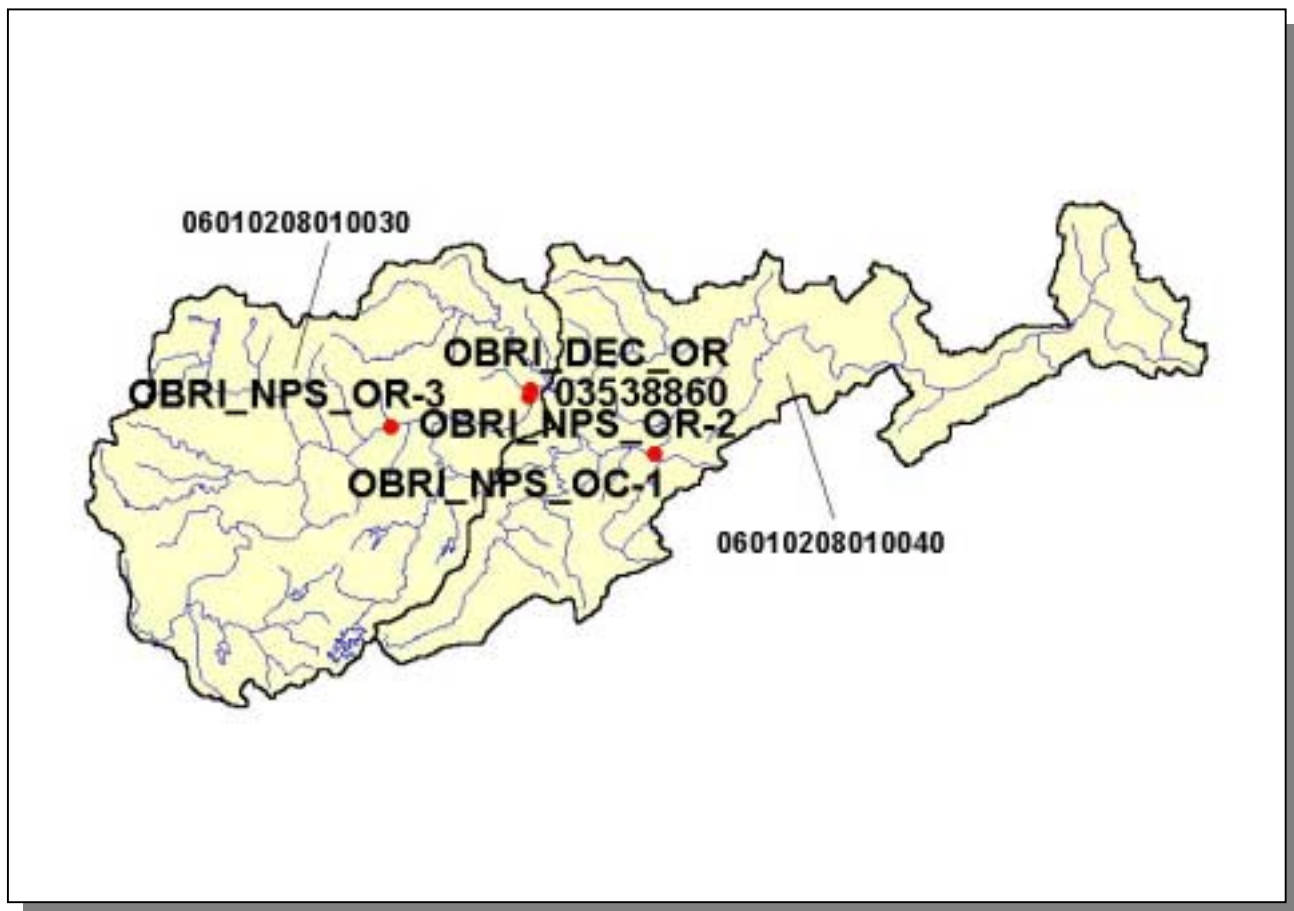
*Table 4-12. Population Estimates in Subwatershed 06010208020.*

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Crossville	Cumberland	6,930	3,054	2,504	541	9

*Table 4-13. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010208020.*

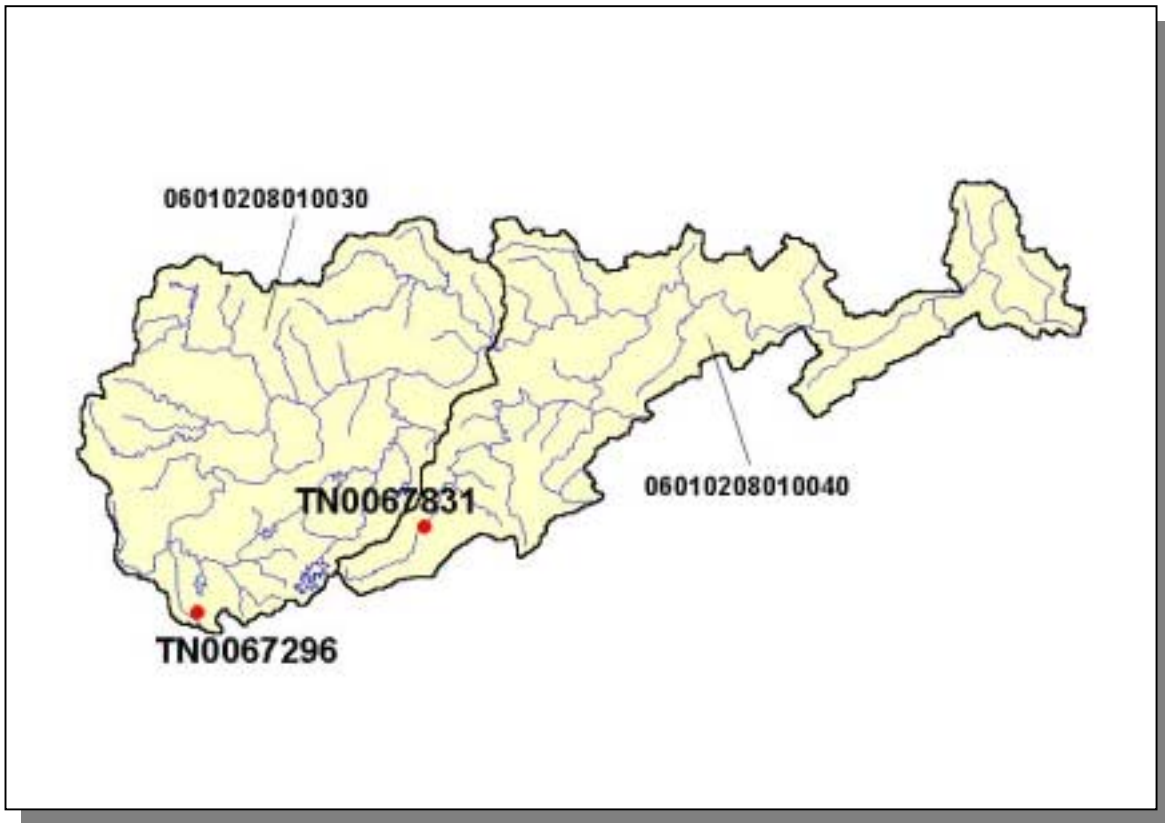


*Figure 4-14. Location of Historical Streamflow Data Collection Sites in Subwatershed 06010208020. Subwatershed 06010208010030 and 06010208010040 boundaries are shown for reference. More information is provided in Emory-Appendix IV.*

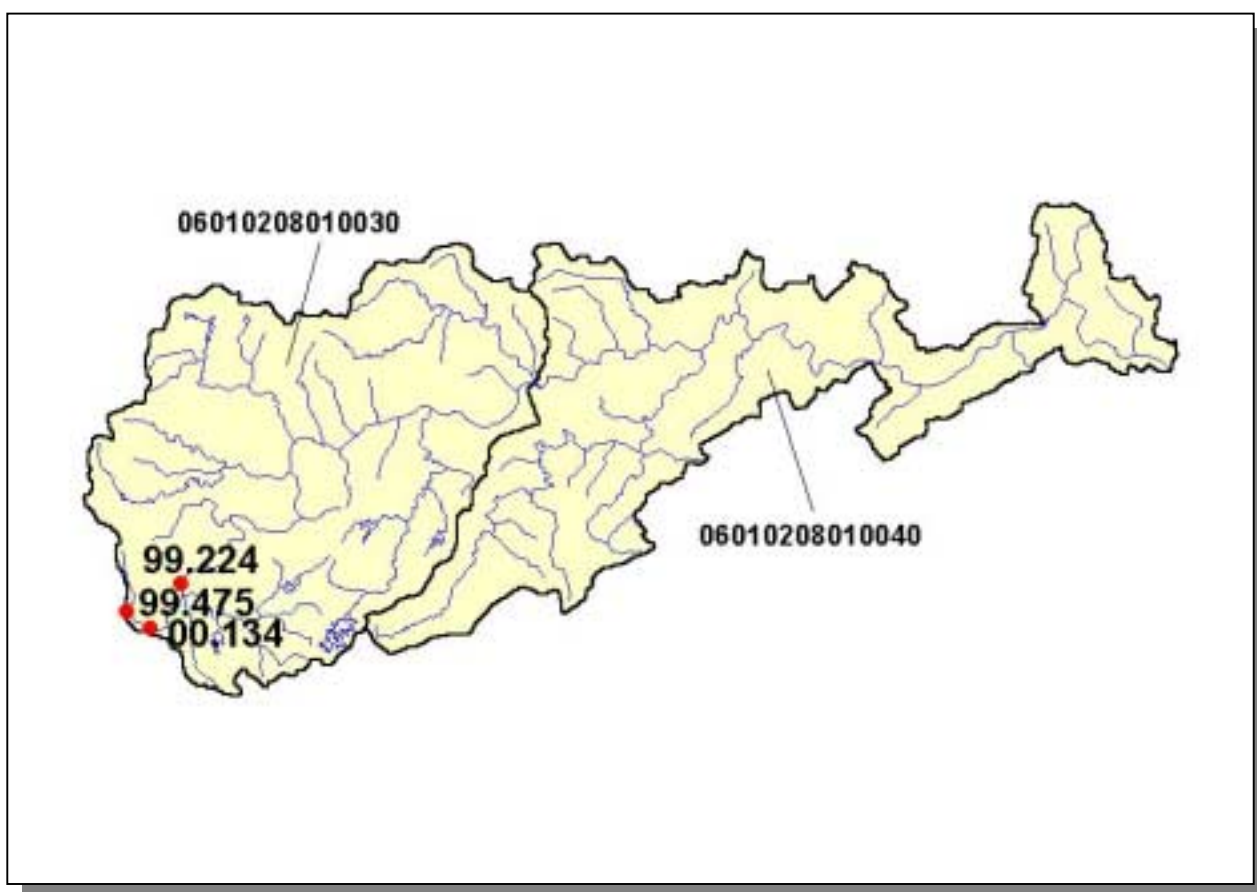


**Figure 4-15. Location of STORET Monitoring Sites in Subwatershed 06010208020.** Subwatershed 06010208010030 and 06010208010040 boundaries are shown for reference. More information is provided in Emory-Appendix IV.

**4.2.B.ii.** Point Source Contributions.



**Figure 4-16. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010208020.** Subwatershed 06010208010030 and 06010208010040 boundaries are shown for reference. More information, including the names of facilities, is provided in Emory-Appendix IV.



**Figure 4-17. Location of ARAP Sites (Individual Permits) in Subwatershed 06010208020.** Subwatershed 06010208010030 and 06010208010040 boundaries are shown for reference. More information is provided in Emory-Appendix IV.

#### 4.2.B.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
1,362	3,269	308	6	36,693	797	62

**Table 4-14. Summary of Livestock Count Estimates in Subwatershed 06010208020.** According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Cumberland	320.3	320.3	5.9	22.5
Morgan	287.8	276.2	3.5	10.9
<b>Total</b>	<b>608.1</b>	<b>596.5</b>	<b>9.4</b>	<b>33.4</b>

**Table 4-15. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010208020.**

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.40
Grass, Forbs, Legumes (Mixed Pasture)	0.23
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.20
Non Agricultural Land Use	0.00
Corn (Row Crops)	4.37
Grass (Hayland)	2.65
Legume Grass (Hayland)	0.17
Forest Land (Grazed)	0.00
Soybeans (Row Crops)	6.26
Other Vegetable and Truck Crop	14.05
Legume (Pastureland)	0.15

**Table 4-16. Annual Estimated Total Soil Loss in Subwatershed 06010208020.**